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(60) Parent Application or Grant

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(). KASAI, Masahiro [/]; (). SATO, Shin [/]; (). GRIFFITHS,

Helen, Sarah; ().

(54) Title: HAIR CONDITIONING COMPOSITION

(54) Titre: COMPOSITION CAPILLAIRE REVITALISANTE

(57) Abstract

A hair conditioning composition having improved wet stage conditioning performance comprising: (a) as a principal conditioning agent, an acid-neutralised amidoamine compound, wherein the amidoamine compound has general structural formula (I): R1 - C (O) - NH- R2 - N(R3)(R4); wherein R1 is a fatty acid chain containing from 12 to 22 carbon atoms, R2 is an alkylene group containing from one to four carbon atoms, and R3 and R4 are, independently, an alkyl group having from one to four carbon atoms, and (b) has an auxiliary conditioning agent, a silicone component which comprises a silicone gum with a viscosity greater than 1 Mcs, a silicone fluid with a viscosity of less than 100 kcs, and an amino functionalised silicone, and (c) an aqueous carrier.

(57) Abrégé

L'invention concerne une composition capillaire revitalisante présentant des performances de revitalisation des cheveux à l'état humide. Cette composition comprend: (a) comme agent revitalisant principal, un composé amidoamine à acide neutralisé, correspondant à la formule développée (I): R1 - C (O) - NH - R2 - N(R3) (R4), dans laquelle R1 représente une chaîne d'acide gras comportant 12 à 22 atomes de carbone, R2 représente un groupe alkylène comportant 1 à 4 atomes de carbone, et R3 et R4 représentent, indépendamment l'un de l'autre, un groupe alkyle comportant 1 à 4 atomes de carbone; (b) comme agent revitalisant auxiliaire, un composant siliconé comprenant une gomme de silicone présentant une viscosité supérieure à 1 Mcs, un fluide de silicone présentant une viscosité inférieure à 100 kcs, et une silicone à fonctionnalisation amino; et (c) un support aqueux.

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(71) Applicant (for AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW only): UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BO (GB).

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(54) Title: HAIR CONDITIONING COMPOSITION

(57) Abstract

A hair conditioning composition having improved wet stage conditioning performance comprising: (a) as a principal conditioning agent, an acid-neutralised amidoamine compound, wherein the amidoamine compound has general structural formula (I): R1 - C (O) - NH- R2 - N(R3)(R4); wherein R1 is a fatty acid chain containing from 12 to 22 carbon atoms, R2 is an alkylene group containing from one to four carbon atoms, and R3 and R4 are, independently, an alkyl group having from one to four carbon atoms, and (b) has an auxiliary conditioning agent, a silicone component which comprises a silicone gum with a viscosity greater than 1 Mcs, a silicone fluid with a viscosity of less than 100 kcs, and an amino functionalised silicone, and (c) an aqueous carrier.

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INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 99/00149

A CLASSIF	CATION OF SUBJECT MATTER A61K7/06 A61K7/50	
	International Patent Classification (IPC) or to both national classification an	d IPC
B. FIELDS	SEARCHED currentation searched (classification system followed by classification sym	Polin 1
IPC 6	A61K	······
Documentat	on searched other than minimum documentation to the extent that such do	cuments are included in the fields searched
Electronic d	ata base consulted during the international search (name of data base and	where practical, search terms used)
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant p	Relevant to daim No.
X	WO 95 23581 A (PROCTER & GAMBLE) 8 September 1995 (1995-09-08) claims 1-5,8	1-10
	page 4, paragraph 3 - page 8, parag page 11, paragraph 2 - page 12, par 1 page 15, paragraph 3 page 20, paragraph 7 page 21, paragraph 4 page 26, paragraph 1	
X	US 5 198 209 A (J.ZHOU, D.J.FOCHTMAN 30 March 1993 (1993-03-30) claims 1,10,11,13,14,17-19 column 3, line 23 - column 4, line column 7, line 17-24	
Fur	her documents are listed in the continuation of box C.	Patent family members are listed in annex.
"A" docum consi "E" earlier filing "L" docum which citatik "O" docum other	ent defining the general state of the art which is not spred to be of particular relevance of comments up building the state of the sta	ter document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention coursel of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone ocument of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- ments, such combination being obvious to a person skilled in the art.
Date of the	actual completion of the international search	Date of mailing of the international search report
	22 July 1999	29/07/1999
Name and	mailing address of the ISA European Patent Office, P.B. 5618 Patentisan 2 NL - 2280 HV Filipswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Peeters, J

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INTERNATIONAL SEARCH REPORT

international application No.

PCT/EP 99/ 00149

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Cialms Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: SEE FURTHER INFORMATION PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of Invention is lacking (Continuation of Item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search lees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.
The product decompanies the payment of decades leave.

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1998)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims 1 and 2 are dealing with physical parameters. As search on physical parameters is not possible, the search has been limited to the wording of the claims 1 and 2.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP 99/00149

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